



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO038103	THY001-VC	1	1	Net 30	M7075T6S2.000X2.750	7075-T6S Sheet 2" Thick Plate X 2.75" Wide				51	10/27/2017	51		S002811	Stock	10/27/2017	\$ 29.31 / ft	0		\$1,495.00	Thyssenkrupp Materials CA Ltd
Total:										51		51								\$1,160.31	

Plex 10/27/2017 8:20 AM Dart Plouffe Sonia

J-C

580

B I L L O F L A D I N G

No: PEC 70344

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 25Oct17 at 12:09 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Alloy  
Crack

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-105689- 1 Your PO # 38103  
ALUMINUM PLATE 7075-T651  
2.00" THICK X 2.7500" X 51.0000"

MTR

DAS	Heat Number	Tag No	Quantity	PCS	Wt LBS
9	BB24812	704286	11.69 SFT	12	381
9.50					
TOTAL:			Tags 1	PCS 12	LBS 381

Heat Number  
BB24812

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 SKID GW. 405 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*

Stan Ivers

SEP 10-27

DC

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

580

B I L L O F L A D I N G

No: PEC 70344

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Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

B I L L O F L A D I N G

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*  
\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00  
SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*  
\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,  
\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

*Stan Ivers*  
*SEP 10-27*  
*MC*

Page: 2 .... Last

ALUMINIUM - L'ALUMIN - CUIVRE - PLASTIQUE - ACIER INOX  
ALUMINUM - COPPER - PLASTIC - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
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# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE 7075-T651  
2.00" THICK X 2.7500" X 51.0000"  
PART NO.

PO/Rel 38103

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

*[Signature]*

Certificate of Mill Test Results

BL PEC-070344-001

250617  
Pg 1/1

## PRODUCT QUALITY CERTIFICATE

NSL/MC-QR-2-21-A

Comphai Industrial Zone, Longfou, Shendong, China  
http://www.nbskshon.com.cn  
Tel: +86-0535-6130836 Fax: +86-0535-5130836  
(No.): PE-211-201704697

Customer	ThyssenKrupp Copper and Brass	Customer Production Code	AL1460399	Product	Aluminum Plate	Order No.	5400341394-R01
Alloy Temper	Size (inch)	Lot No.	BB24612	Technique Standard	ASTM B209-2014, AMS QQA-25017 AMS 4045	Pieces	2
7075-T651	2.750" x 14.5					Boxes	1
						No.	1
						Weight(lbs)	3768

Standard values for a single column content value, aluminum as the minimum standard, other elements as the highest limit

Chemistry	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other Elements	Other Elements Total	AI
Standard Value	0.40	0.50	1.2-2.0	0.30	2.1-2.8	0.18-0.28	/	5.1-6.1	0.20	0.05	0.15	Remainder
Measured Value	0.0570	0.1148	1.6884	0.0333	2.5839	0.2044	/	5.6070	0.0337	/	<0.05	<0.15

Structure, Property and Other

Temper	Direction of Sampling	Tensile Strength		Yield Strength		Elongation%	
		Standard Value	Measured Value	Standard Value	Measured Value	Standard Value	Measured Value
T651	Transverse	277	80.3-81.3	267	68.5-69.2	26	11.5-13.0
Structure Inspection	Microstructure	Macrostructure	UT	Conductivity	Sec	Surface	Size
Determine	/	/	/	/	/	Qualified	Qualified

We certify that the material described has been manufactured, tested and inspected in accordance with technique standard and has met the requirement.

Inspector:

H1203

Audit:

P1215

Date: APRIL 19, 2017

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075-4652.000x2.750

PO / BATCH NO.: 038103/5002811

DATE: 17-11-28

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 2"

QUANTITY RECEIVED: 51 PCS

THICKNESS RECEIVED: 2"

QUANTITY INSPECTED: 51 PCS

SHEET SIZE ORDERED: NA

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: NA

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/>	QQ-A-250/12
CORRECT THICKNESS	Y <input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/>	BB24812
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>pel</u>	SIGNED OFF BY: _____
DATE: <u>17-11-28</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

DAS  
8  
9-044  
2.000"

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4048  
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

△ SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4048 / 4049  
OR ASTM B209

△ PART NUMBER: M7075T6S | TTT | X | W.WWW |  
| THK | | WIDTH |

△ WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19  
ECN 17-574

APPROVED

REV.	DESCRIPTION	DATE
B	ADD REF TO PLATE: T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CARB-149)	17.05.05
A	NEW ISSUE	10.11.06
DESIGN	RF	
DRAWN	CP	
CHECKED	ML	
MFG. APPR.	LL	
APPROVED	WM	
DE APPR.	D9	
DATE	17.05.05	

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA  
DRAWING NO. M7075T6S  
REV. B  
SHEET 1 OF 1  
SCALE NTS

THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED ONLY FOR THE PURPOSES FOR WHICH IT WAS ISSUED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.



Dart Hawkesbury  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO038103

**Supplier:** THY001-VC  
Thyssenkrupp Materials CA Ltd  
O/A VPK Metal- c/o T27540  
PO Box 4275, Postal"A"  
Toronto  
ON  
M5W 5V8 Canada  
Phone: 905 669 9444  
Fax: 905 738 9033

**PO No:** PO038103  
**PO Date:** 10/20/17  
**Due Date:** 10/27/17

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

E-MAILED  
2017/10/20

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

### Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M7075T6S2.000X2.750	-	7075-T6S Sheet 2" Thick Plate X 2.75" Wide		Firmed	10/27/17	51 ft	0 ft	51 ft	\$29.3137/ft	\$1,495.00

**Line Item Note** MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT TO SIZE 12 PCS @ 51" LONG

SP17-10-27

**Grand Total:** \$1,495.00

### Order Notes

#### Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 10/20/17 3:09 PM dart.baker.diane